

## PROJECT WORKSHEET

OMB No. 1660-0017

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DECLARATION NO.	PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA 1817 DR WA	RHGG029	05/18/09	000-UO3NH-00	G	
APPLICANT				WORK COMPLETED AS OF:	
Washington Department of Fish and Wildlife				DATE:	PERCENT:
				03/16/09	0%
DAMAGED FACILITY				COUNTY	
Handrails, Deck & Riprap				PACIFIC	
LOCATION				LATITUDE	LONGITUDE
Grays River Hatchery				N 46.38577	W 123.56012

Was this site previously damaged? ☐ Yes ☒ No ☐ Unsure

## DAMAGE DESCRIPTION AND DIMENSIONS:

During the incident event period, January 6 thru 16th, 2009 the Willapa Hills region was subject to torrential rains. The Gray's River rose to nearly unprecedented flood levels as a result of rain and melting snow. At the Gray's River Hatchery, a facility owned and operated by the Washington Department of Fish and Wildlife, river flows inundated the facility grounds resulting in gravel, sand and silt deposits extensively around the site with further incidental damage from flood transported debris. See the Damage Description Continuation for detailed description.

Grays River Hatchery is located on Shannon Road 2.05 miles north of the junction of that road with Ocean Beach Highway (State Route 4)

This facility is partially funded for general operations and maintenance by the Mitchell Act and does not constitute duplication in Federal funding with the Stafford Act.

## SCOPE OF WORK:

Work to be Completed:

See Scope Of Work Continuation for description and estimate..

Hand rails and deck will not involve any permit requirements. Other work at this site will require HPA and other permits which will cover Rip rap placement as similar nature of work.

The sub grantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other sub grantee activities and are not included in any approved indirect cost rates.

Does the Scope of Work change the pre-disaster conditions at the site?

☐ Yes ☒ No

Special Considerations issues included?

☐ Yes ☒ No

Is there insurance coverage on this facility?

☐ Yes ☒ No

Hazard Mitigation proposal included?

☐ Yes ☒ No

## PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY	UNIT	UNIT PRICE	COST
1	9901	Direct Administrative Costs (Subgrantee)	1	EA	\$ 192.95	\$ 192.95
2		Work to be completed				\$ -
3	9999	Handrails, deck & Rip rap, restored per estimate,	1	L.S	\$ 5,691.48	\$ 5,691.48
						\$ -
						\$ -
SUBTOTAL FROM COST CONTINUATION PAGE(S)						\$ -
TOTAL PROJECT COST						\$ 5,884.43

PREPARED BY: Bob Giertz

TITLE: WA-EMD Project Officer

FEMA PAC CREW LEADER: Larry Dogero

STATE PAC: Jon Holmes

APPLICANT: Sterling Jones

DATE: 5/21/09 PHONE: 360-902-8384

## FEDERAL EMERGENCY MANAGEMENT AGENCY

**DAMAGE DESCRIPTION & SCOPE OF WORK**

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	NEMIS NO.
FEMA	1817	DR	WA	RHGG029	05/18/09	000-UO3NH-00	G	

APPLICANT

COUNTY

Washington Department of Fish and Wildlife

PACIFIC

**DAMAGE DESCRIPTION & SCOPE OF WORK (CONTINUED):****Damage Description, Continued**

Major amounts of sand, gravel, and silt debris were deposited on the grounds and in the hatchery facilities and intakes. Removal of the debris is covered in another PW for this site RHGA027

Other than debris and silt deposition additional damage from flood borne debris in transit thru the areas destroyed a section of 2-rail, 3 ft 6 inches high hand rail ( two sections 24 ft long with 6 posts each section adjoining the ladder/walkway at the Fish Ladder. A grip strut catwalk 6 ft by 8 ft was carried away at this same location. At the Upper intake an additional 30 ft section of 2-rail safety railing was destroyed. Erosion near the Upper Intake sheet pile wall carried away a section 6 ft x 10 ft x 4.5 ft of Rip rap which will need 2-3 man rock to replace it

**Scope of Work (continued)****Work to be completed**

1. Replace safety Railing: Railing destroyed was steel pipe railing, two rail elements , 3ft 6 inches high

- a. At the Fish Ladder, replace 2 sections, 24 ft long, 6 posts each section

- b. At the Upper Intake, replace 30 ft section.

Replacement Cost..... **per Applicants Estimate, installed: \$4454.50**

Materials included, per estimate:\$400.00

2. Place 6 ft. x 8 ft. Catwalk section at the Fish Ladder;

Cost Estimate; R.S Means:01 54 23.75 2000 Catwalk, 20 inches wide, no guard rails, 7 ft span \$157.00 each

1.67 ft x 7 ft = 11.69 s.f.: \$157/11.69 = \$13.43/ s.f.

**8 ft x 6 ft X \$13.43 = \$644.64**

3. Replace Rip Rap at Upper Intake:

6 ft. x 10 ft. x 4.5 ft./27=10 c.y. Lewis County Historic Cost: **33.85/ton x 1.4 t/c.y. x 10 c.y.= \$473.90**

4. Sales tax on materials Railing: \$400, Catwalk \$644.64, RipRap 473.90: Subtotal:1518.44

.....**Sales Tax @7.8% = \$118.44**

**Hand rails, deck & Rip rap, Estimate total.....\$5,691.48**

PREPARED BY: Bob Gietz

TITLE: WA-EMD Project Officer

**SPECIAL CONSIDERATIONS**

DISASTER	APPLICANT NAME	PW REF NO.	FIPS NO.	DATE
1817 WA	Washington Department of Fish and Wildlife	RHGG029	000-UO3NH-00	05/18/09

1. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.)

☐ Yes ☒ No ☐ Unsure

2. Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland?

☐ Yes ☒ No ☐ Unsure

Firmette indicates that the flood plain at this location is undefined (non-printed panel 5301260 060A)

3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?

☐ Yes ☒ No ☐ Unsure

4. Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function)

☐ Yes ☒ No ☐ Unsure

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard proposal?

☐ Yes ☒ No ☐ Unsure

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?

☐ Yes ☒ No ☐ Unsure

Facility Constructed In:

1953

7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?

☐ Yes ☒ No ☐ Unsure

8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?

☐ Yes ☒ No ☐ Unsure

9. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work?

☐ Yes ☒ No ☐ Unsure

## LOCATION MAP

APPLICANT:	Washington Department of Fish and Wildlife	DATE:	05/18/09
FIPS NO:	000-UO3NH-00	PW REF NO:	RHGG029

